

Non-Contact Voltage Tester

Instruments

GVD-3504

OPERATING INSTRUCTIONS

BEFORE USE:

READ ALL OPERATING INSTRUCTIONS BEFORE USE. Use extreme caution when checking electrical circuits to avoid injury due to electrical shock. GB Instruments assumes basic knowledge of electricity on the part of the user and is not responsible for any injury or damages due to improper use of this tester.

OBSERVE and follow all standard industry safety rules and local electrical codes. When necessary call a qualified electrician to troubleshoot and repair the defective electrical circuit.

SPECIFICATIONS:

Operating Range: 50-600 VAC, 50-60 Hz; CAT III 600V

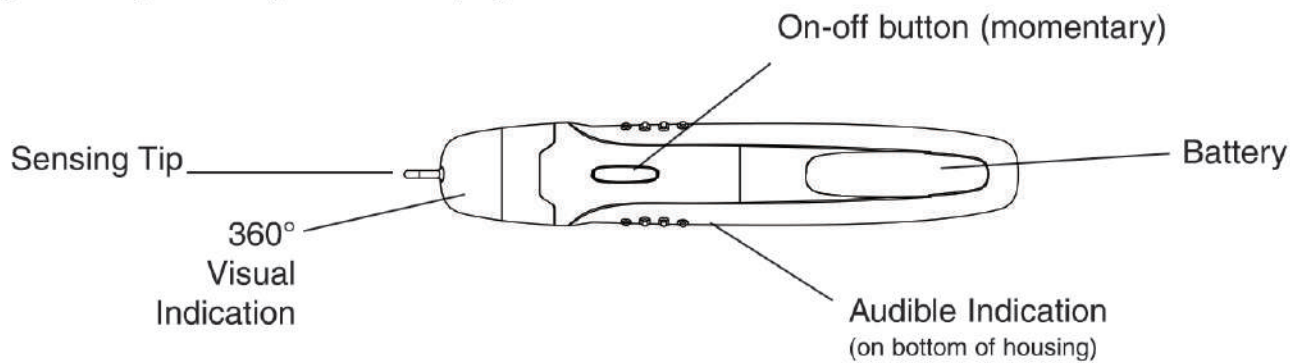
Indicators: Visual and Audible

Operating Environment: 32° - 104° F (0 - 32° C) 80% RH max., 50% RH above 30° C

Altitude up to 2000 meters. Indoor use.

Pollution degree 2. Accordance with IED-664.

Cleaning: Remove grease and grime with clean, dry cloth.



OPERATION:

Before use test the battery by pressing the black button on the top side of the tester. If the battery is good then the light will flash and speaker will chirp momentarily. If indicators do not function then replace the battery. This unit operates from a single AAA battery.

To test for voltage press and hold the black button on the top of the unit. Place sensor on or near the wire, device or circuit to be tested. If AC Voltage greater than 50 VAC is present the light will flash and the speaker will beep continuously. See Fig. 1

Static Electricity - The tester is subject to electrical static interference. If the LED or tone activates a single time, it is detecting the static electricity in the air. When detecting voltage, the LED and tone will activate repeatedly.

Fig. 1



Battery Replacement:

- 1) Slide open the battery cover on the back of the tester.
- 2) Remove the old battery from its housing and replace with a new battery (size AAA / R03 / UM4 / 1.5V)
- 3) Replace the battery cover.



Measurement category III is for measurements performed in the building installation.



CAUTION – REFER TO THIS MANUAL BEFORE USING THIS TESTER.



Warning – If the equipment is used in a manner not specified by manufacturer, the protection provided by the equipment may be impaired.



Warning – This product does not sense potentially hazardous voltages below 50 volts. Do not use outside of the marked/rated ranges indicated.



Warning – To assure the unit is operating properly, always test on a known live circuit before use.



Warning – This tester will not detect voltage in wires that are electrically shielded by metal conduit or grounded electrical enclosures.

This unit is protected by the following US Patents: US Pat # 5,877,618